

CLAIMS

What is claimed is:

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- 1 1. A network client, comprising:
 - 2 a scanner component accessing an input content stream
 - 3 via a network connection to extract renderable content from said
 - 4 input content stream;
 - 5 a parsing component coupled to said scanner component
 - 6 for parsing said renderable content; and
 - 7 a replaceable document type definition component
 - 8 configured to control said parsing component based on a
 - 9 particular document type definition corresponding to a particular
 - 10 grammar, said replaceable document type definition component
 - 11 being replaceable during execution of said network client.
 - 1 2. The network client according to claim 1, wherein said
 - 2 replaceable document type definition component is configured
 - 3 to control said parsing component based on said particular
 - 4 document type definition which corresponds to a definition for
 - 5 HTML documents.
 - 1 3. The network client according to claim 1, wherein said
 - 2 replaceable document type definition component is configured
 - 3 to control said parsing component based said particular
 - 4 document type definition which corresponds to a definition for
 - 5 XML documents.
 - 1 4. The network client according to claim 1, wherein said network
 - 2 connection is one that receives said content stream from an
 - 3 Internet site.
 - 1 5. The network client according to claim 1, wherein said Internet
 - 2 site is a world wide web site.

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1 6. The network client according to claim 1, wherein said grammar
2 defines a well-formed document parsable by said parsing
3 component.

1 7. A method for manifesting content received via a network,
2 comprising the following steps:

3 accessing an input content stream via a network
4 connection to receive renderable content from said input content
5 stream;

6 receiving a replaceable document type definition related to
7 said renderable content;

8 parsing said renderable content based on said replaceable
9 type definition to generate a content model; and

10 manifesting said content model within a data processing
11 environment.

1 8. The method according to claim 7, wherein said replaceable
2 document type definition controls said parsing step to parse
3 HTML type documents.

1 9. The method according to claim 7, wherein said replaceable
2 document type definition component is configured to control
3 said parsing step to parse a particular document type definition
4 which corresponds to a definition for XML documents.

1 10. The method according to claim 7, wherein said network
2 connection is one that receives said content stream from an
3 Internet site.

1 11. The method according to claim 10, wherein said Internet site is
2 a world wide web site.

1 12. The method according to claim 7, wherein said grammar
2 defines a well-formed document parsable during said parsing
3 step.

1 13. A method of using a personal computing system equipped with
2 a network client, comprising the following steps:

3 executing a network client to access an network server
4 system to receive data therefrom, said network client including a
5 scanner component for accessing said network server to receive
6 an input content stream and to extract renderable content from
7 said input content stream, a parsing component coupled to said
8 scanner component for parsing said renderable content, and a
9 replaceable document type definition component configured to
10 control said parsing component based on a particular document
11 type definition corresponding to a particular grammar, said
12 replaceable document type definition component being
13 replaceable during execution of said network client;

14 causing said scanner component to access said input
15 content stream via a network connection to extract said
16 renderable content therefrom;

17 receiving said replaceable document type definition related
18 to said renderable content via said network connection;

19 causing said parsing component to parse said renderable
20 content based on said replaceable type definition to generate a
21 content model; and

22 manifesting said content model within said personal data
23 processing system.

1 14. The method according to claim 13, wherein said replaceable
2 document type definition controls said parsing step to parse
3 HTML type documents.

1 15.The method according to claim 13, wherein said replaceable
2 document type definition component is configured to control
3 said parsing step to parse a particular document type definition
4 which corresponds to a definition for XML documents.

1 16.The method according to claim 13, wherein said network
2 connection is one that receives said content stream from an
3 Internet site.

1 17.The method according to claim 16, wherein said Internet site is
2 a world wide web site.

1 18.The method according to claim 13, wherein said grammar
2 defines a well-formed document parsable during said parsing
3 step.

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